

REMARKS

The Office Action dated September 19, 2006, having been duly extended from December 19, 2006, until March 19, 2007, by the attached Petition for Extension of Time, has been received and carefully noted. The above amendments, and the following remarks, are submitted as a full and complete response thereto.

A new declaration (discussed below) is attached. Claims 1-27 have been cancelled without prejudice, and new claims 28-54 are submitted. A new abstract is submitted, to correct minor errors contained therein. No new matter has been added. Claims 28-54 are respectfully submitted for consideration.

The Office Action noted that a copy of PCT/FI02/00381 was not received by the Office; applicants are unclear as to the meaning of this statement; the subject application was filed as a continuation under 35 USC 120 of the PCT application, and the filing receipt mailed on February 4, 2004, properly reflects this information. Priority of Finnish priority document 20010952 is properly claimed under 35 USC 119, and acknowledgement of a certified of this priority document has been made in the Office Action. No additional action on the part of the applicants should be required.

In paragraph 4, the Office Action took the position that the oath or declaration which was originally filed with the application is defective. Submitted herewith is a substitute declaration, which is in compliance with 37 CFR 1.67(a), and which corrects the typographical error which was contained in the original declaration.

The drawings were objected to on the basis that element “CME” in figures 5a and 5b was not properly labeled. Attached herewith is a copy of Figures 5a and 5b as originally filed according to applicants file. As visible in these figures, element 508 is properly identified as CME. Referring, for example, to page 14 of the specification, CME block 508 is clearly discussed with respect to figures 5a and 5b. CME block 508 extracts the broadband signal from the narrowband signal, prior to transferring the signal to detection block 510. It is therefore respectfully submitted that figures 5a and 5b are in compliance with U.S. patent practice.

The abstract of the disclosure was objected to for having an improper reference to a drawing. The original abstract has been deleted, and the substitute abstract is submitted. The substitute abstract deletes the reference to Fig. 5b, and also deletes the reference numeral originally contained therein. It is respectfully submitted that this substitute abstract is in compliance with U.S. patent practice.

Claims 1-27 were rejected under 35 USC 101 as being directed to non-statutory subject matter. The Office Action took the position that the invention as claimed was not limited to a practical application. Claims 1-27 have been cancelled without prejudice, and new claims 28-54 are submitted. Claims 28-54 are directed to methods and receivers which are statutory subject matter in accordance with U.S. patent practice. The methods of claims 28-42 are directed to methods of processing a signal in a radio system, with the method comprising a number of steps, including using an obtained sample set for detection. This using of an obtained sample set, in accordance with the claimed method,

is clearly in compliance with the requirement that a practical application, i.e., tangible, useful, concrete, and tangible result will be provided.

With respect to the receivers as recited in claims 43-54, these receivers are directed to configurations which can set samples to a set value from a selected signal sample set in accordance with a distribution and a set outside distribution.

In view of the above, it is respectfully submitted that each of presently pending claims 28-54 are in compliance with U.S. patent practice, and recites the statutory subject matter in accordance with 35 USC 101. It is further submitted that the application is otherwise in compliance with U.S. patent practice. It is therefore respectfully requested that claims 28-54 be found allowable, and this application passed to issue.

If for any reason the Examiner determines that the application is not now in condition for allowance, it is respectfully requested that the Examiner contact, by telephone, the applicants' undersigned attorney at the indicated telephone number to arrange for an interview to expedite the disposition of this application.

In the event this paper is not being timely filed, the applicants respectfully petition for an appropriate extension of time. Any fees for such an extension together with any additional fees may be charged to Counsel's Deposit Account 50-2222.

Respectfully submitted,



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Enclosures: Petition for Extension of Time
Substitute Declaration
Figures 5a and 5b
Check No. 16019